

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number
WO 2005/067003 A1

(51) International Patent Classification⁷: **H01J 65/04**,
61/30, G02F 1/13357

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(21) International Application Number:
PCT/KR2004/003429

(22) International Filing Date:
24 December 2004 (24.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2004-0001156 8 January 2004 (08.01.2004) KR

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

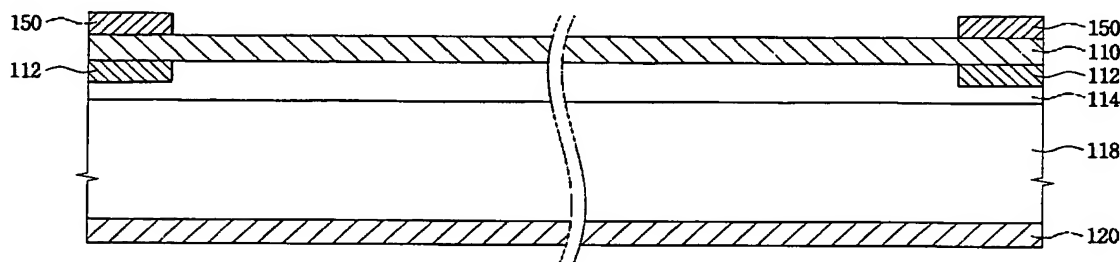
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **SUFACE LIGHT SOURCE DEVICE**



(57) Abstract: A surface light source device (100) includes a first substrate (110), an electrode (150), a discharge auxiliary layer (112), a fluorescent layer (114) and a second substrate (120). The discharge auxiliary layer (112) includes carbon nanotubes and an oxide. The surface light source device may further include a florescent layer. The surface light source device (100) may have a discharge fluorescent layer including carbon nanotubes, an oxide and a fluorescent material instead of a discharge auxiliary layer (112) and a fluorescent layer (114). Using carbon nanotubes and an oxide in the surface light source device, a discharge firing voltage and a discharge sustaining voltage may be lowered due to a geometric effect of a carbon nanotube and a high yield of secondary electron. Therefore, efficiency of the surface light source device is improved, so that power consumption of an LCD apparatus is decreased and luminance of the LCD apparatus is increased.

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